

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An optical fiber drawing apparatus, comprising:

a heating furnace adapted to melt an optical fiber mother material and to draw an optical fiber;

an optical fiber standard value controller unit adapted to control standard values of the optical fiber drawn;

a fixing roller immediately following the optical fiber standard value controller unit and adapted to change a drawing direction of the optical fiber by an angular amount substantially less than 90°;

at least one or more moving rollers immediately following the fixing roller, said at least one or more moving rollers being which are movable so that axial centers thereof are adapted to move to different positions on a drawing surface for gradually adjusting a curvature radius of the optical fiber which has a changed drawing direction in order to release bending stress and stress concentration in the optical fiber and thereby decrease a possibility of breakage of the optical fiber; and

a winding apparatus adapted to wind the optical fiber which has an adjusted curvature radius.

2. (Original) The apparatus of claim 1, wherein there is provided a bracket connected to said at least one or more moving rollers, respectively, in order for said at least one or more moving rollers to move along a drawing surface of the optical fiber.

3. (Previously Presented) The apparatus of claim 2, wherein said bracket comprises a vertical direction guide formed by a groove extending in a vertical direction and in which a shaft of at least one or more moving rollers is embedded, in order for said at least one or more moving rollers to reciprocate in said vertical direction.

4. (Original) The apparatus of claim 3, wherein a pivot joint is installed in one side of the bracket, and the bracket rotates about the pivot joint.

5. (Previously Presented) The apparatus of claim 2, further comprising a spin apparatus capable of impressing a spin to the optical fiber by reciprocating the bracket in a transverse direction with respect to a drawing plane of the optical fiber, said apparatus being connected with a bracket connected to one among said at least one or more moving rollers.

6. (Previously Presented) The apparatus of claim 5, wherein said spin apparatus adapted to impress a spin to the optical fiber includes a link connected CAM.

7-9. (Canceled)